

FIG. 1

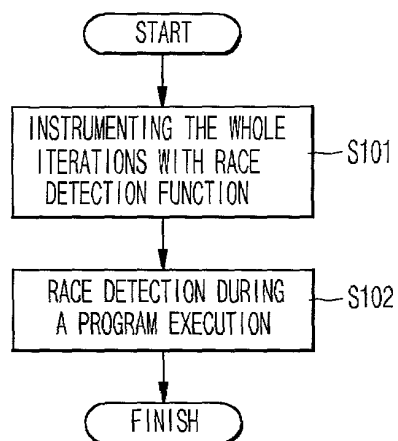


FIG. 2

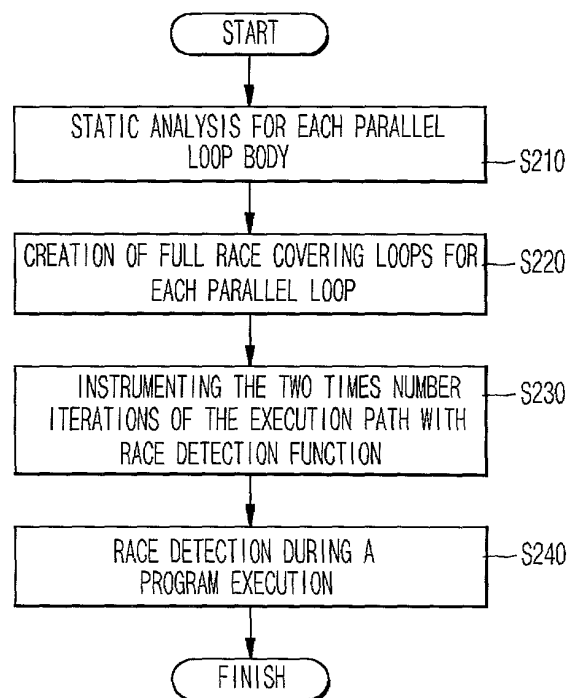


FIG. 3

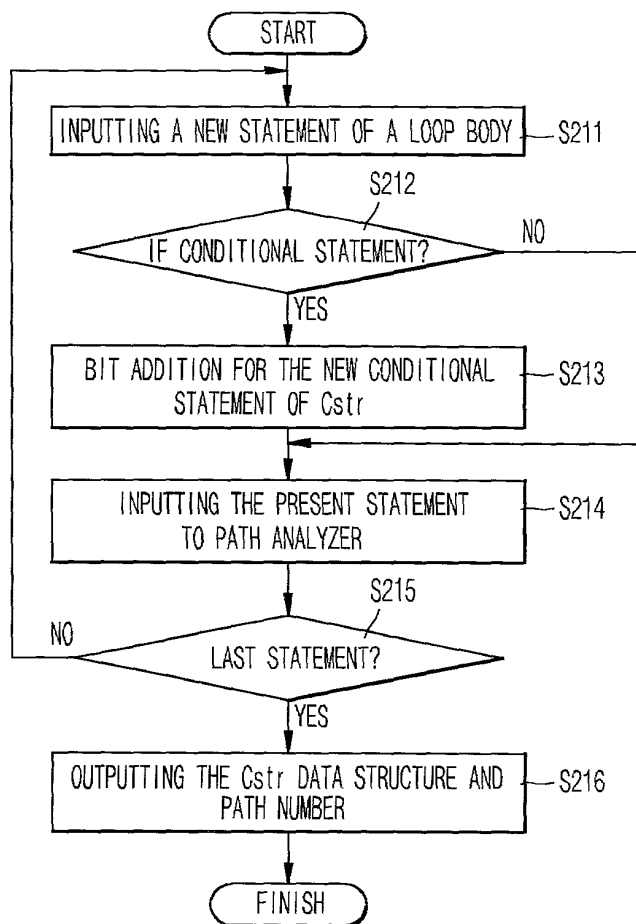


FIG. 4

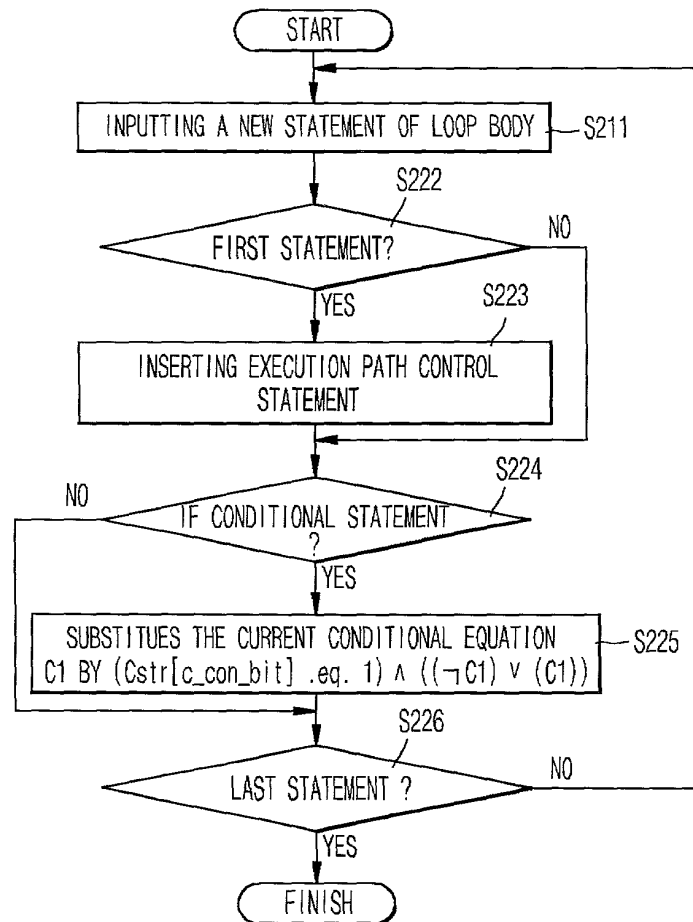
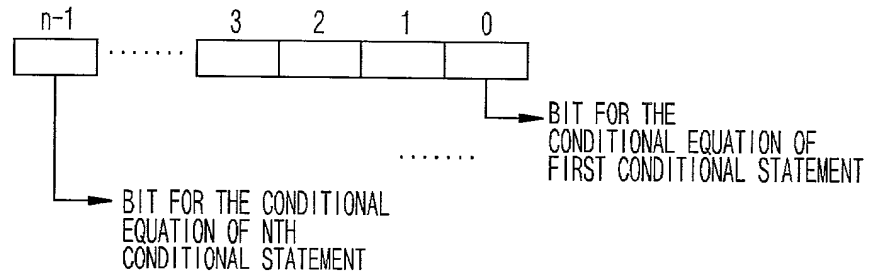


FIG. 5

CSTR (CONDITION STATEMENT BRANCH DETERMINANT STRING) CONSTRUCTION OF DATA STRUTURE



THE CONSTRUCTION OF EXECUTION PATH CONTROL STATEMENT

```

P=(l/stride) mod k ;
if (p .eq.0)
    Cstr= (0)2;
else if (p .eq.1)
    Cstr=(1)2;
    :
    :
    else if (p .eq.k-1)
        Cstr=(k-1)2;

endif

,where l is loop control variable
and k is the number of paths in a loop
    
```

FIG. 6

